



Paul Helliher  
Director

# Department of Pesticide Regulation



Gray Davis  
Governor  
Winston H. Hickox  
Secretary, California  
Environmental  
Protection Agency

October 21, 2003

WHS 03-08

TO: COUNTY AGRICULTURAL COMMISSIONERS

SUBJECT: APPROVED CHOLINESTERASE TESTING LABORATORIES

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Attached is the current list of Laboratories Approved to Perform Cholinesterase Testing for Occupational Health Surveillance, dated October 1, 2003. This revised listing adds two laboratories to the list, U.C. Irvine Medical Center (Orange County) and Salinas Valley Primecare Medical Group (Monterey County). This list is also available on the DPR website at: [www.cdpr.ca.gov/docs/whs/lablist.htm](http://www.cdpr.ca.gov/docs/whs/lablist.htm).

In May 1999, a new regulation (3 CCR 6728) required that only laboratories meeting specific analytical criteria could be used in the medical supervision program. All laboratories analyzing blood cholinesterase (ChE) for the medical supervision program must report the results in the same units. Prior to 1999, different laboratories reported ChE in different units depending on the analytical method used. By reporting in different units, health professionals and regulatory officials were often unable to compare baseline ChE results to illness results, if the blood was analyzed at different laboratories. Since that time, staff from the Department of Pesticide Regulation (DPR), Office of Environmental Health Hazard Assessment, and Department of Health Services (DHS) with invaluable assistance from Dr. Barry Wilson at UC Davis, have been working with the laboratories to help them comply with the regulatory requirements.

If you have any questions about the list of approved laboratories, please contact Kevin Chao, at the Environmental Health Laboratory Branch, of DHS, at (510) 620-2889. Questions about the regulatory requirements for the laboratories analyzing blood cholinesterase for the medical supervision program should be directed to Marylou Verder-Carlos at (916) 324-4204, or [mverder@cdpr.ca.gov](mailto:mverder@cdpr.ca.gov).

Sincerely,

*[original signed C. Andrews]*

Charles M. Andrews, Chief  
Worker Health and Safety Branch  
(916) 445-4222

Attachment

cc: see next page

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County Agricultural Commissioners  
October 21, 2003  
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Kevin Chao, Ph.D., Research Scientist, DHS, (w/o attachment)  
Mr. Scott T. Paulsen, Chief, DPR Enforcement Branch, (w/o attachment)  
Ms. Marylou Verder-Carlos, WHS Branch, (w/o attachment)  
Mr. Daniel J. Merkley, Agricultural Commissioner Liaison, (w/o attachment)



State of California—Health and Human Services Agency  
**Department of Health Services**



**GRAY DAVIS**  
Governor

This List Dated **October 1, 2003**, Replaces and Supersedes  
The Previous List Dated July 1, 2003.

**Laboratories Approved for Cholinesterase Testing for Occupational Health Surveillance**  
**Reference: California Code of Regulations, Title 3, Section 6728(f)**

<b>LABORATORY</b>	<b>COUNTY</b>	<b>TESTING DONE ON-SITE</b>	<b>METHOD</b>
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**Kern**

Physicians Automated Laboratory, Inc. 2801 H Street Bakersfield, CA 93301 Attn: Bruce Smith Phone: (661) 325-0744 FAX: (661) 327-9163		Yes	Colorimetric
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**Kings**

Corcoran District Hospital Laboratory 1310 Hanna Avenue Corcoran, CA 93212 Attn: Ronnie Bico Phone: (559) 992-5051, x351 FAX: (559) 992-3972	(a.)		
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**Los Angeles**

Pacific Toxicology Laboratories 6160 Variel Avenue Woodland Hills, CA 91367 Attn: Linda Aston, Ph.D. Phone: (818) 598-3110, x107 FAX: (818) 598-3116		Yes	Colorimetric
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Footnote (a.) Corcoran District Hospital Laboratory performs the plasma cholinesterase test on-site using a colorimetric method. The RBC test is referred to a different approved laboratory.



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[www.consumerenergycenter.org/flex/index.html](http://www.consumerenergycenter.org/flex/index.html)

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**Environmental Health Laboratory Branch, 850 Marina Parkway, Mailstop G-356/EHLB,**  
**Richmond, California 94804**  
**Telephone: 510.620.2800 FAX: 510.620.2825**  
**[www.dhs.ca.gov/deodc/ehlb/](http://www.dhs.ca.gov/deodc/ehlb/)**

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LABORATORY	COUNTY	TESTING DONE ON-SITE	METHOD
<b>Monterey</b>			
George L. Mee Memorial Hospital 300 Canal Street King City, CA 93930 Attn: Keith Andrews Phone: (831) 385-7212 FAX: (831) 385-5399		Yes	Colorimetric
Salinas Valley Primecare Medical Group 909 Blanco Circle Salinas, CA 93901 Attn: Gerald Oehler, MD Phone: (831) 751-7060 ext 249		Yes	Colorimetric
<b>Orange</b>			
Quest Diagnostics Incorporated Nichols Institute 33608 Ortega Highway San Juan Capistrano, CA 92690-6130 Attn: Sandy Burns Phone: (949) 728-4629 FAX: (949) 728-4860		Yes	Colorimetric
U.C. Irvine Medical Center Department of Pathology 101 City Drive South Orange, CA 92868 Attn: Steven Sarandis Phone: (714) 456-5507 FAX: (714) 456-2200		Yes	Colorimetric and $\Delta$ pH
<b>Sacramento</b>			
Unilab 3714 Northgate Boulevard Sacramento, CA 95834 Attn: Pam Kirkbride Phone: (916) 927-9900, x8440 FAX: (916) 927-1492		Yes	Colorimetric

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LABORATORY	COUNTY	TESTING DONE ON-SITE	METHOD
<b>Tulare</b>			
Sierra View District Outpatient Laboratory 263 N. Pearson, Suite 102 Porterville, CA 93257 Attn: Dave Workman Phone: (559) 784-7852 FAX: (559) 784-0614		Yes	Colorimetric
<b>STATE</b>			
<b>Kansas</b>			
LabOne, Inc. 10101 Renner Blvd. Lenexa, KS 66219 Attn: Debby Bjerkan Phone: (913) 577-1516 FAX: (913) 894-9029		Yes	Colorimetric
Clinical Reference Laboratory, Inc. 8433 Quivira Road Lenexa, KS 66215 Attn: Robert Stout, Ph.D. Phone: (913) 492-3652		Yes	Colorimetric
<b>Utah</b>			
ARUP Laboratories 500 Chipeta Way Salt Lake City, UT 84108 Attn: Dov Siporin Phone: (801) 583-2787, x3100 FAX: (801) 583-2712		Yes	Colorimetric